Notebook, N-88-03-23

This notebook has one dated entry, written by H. De Coursey Hamilton on March 23, 1888, regarding experiments on diaphragms for the phonograph reproducer. At the end of the book are 6 pages of drawings relating to the phonograph. The front cover is labeled "Phonograph." The spine is labeled "59." The pages are unnumbered, and the book has been used in both directions. Only 8 pages have been used.

Phonograph: Mch. 23"-88.

A. de C. Hamilton

Experiments on diaphram of the reproducer preparing it so that it will keep out moisture.

#1. After washing sticky stuff off & drying it I soaked the gold-beaters skin in Boiled linseed oil & hung it up to oxidize

#2- Washed gold-beaters skin soaked in Rubber dissolved in Benzol & hung up to dry.

#3- Washed gold-beaters skin soaked in Gutta percha dissolved in Benzol.

#4.- Soaked in thin skellac.

#5.- Soaked in Collodion.

#6.- Soaked in Copal Varnish

#7. — Washed gold-beaters skin soaked in Raw Linseed oil.

#8. — Soaked in Paraffine oil

#9. — Soaked in Paraffine dissolved in Benzol.

#10. — Soaked in Gutta-percha dissolved in Chloroform.

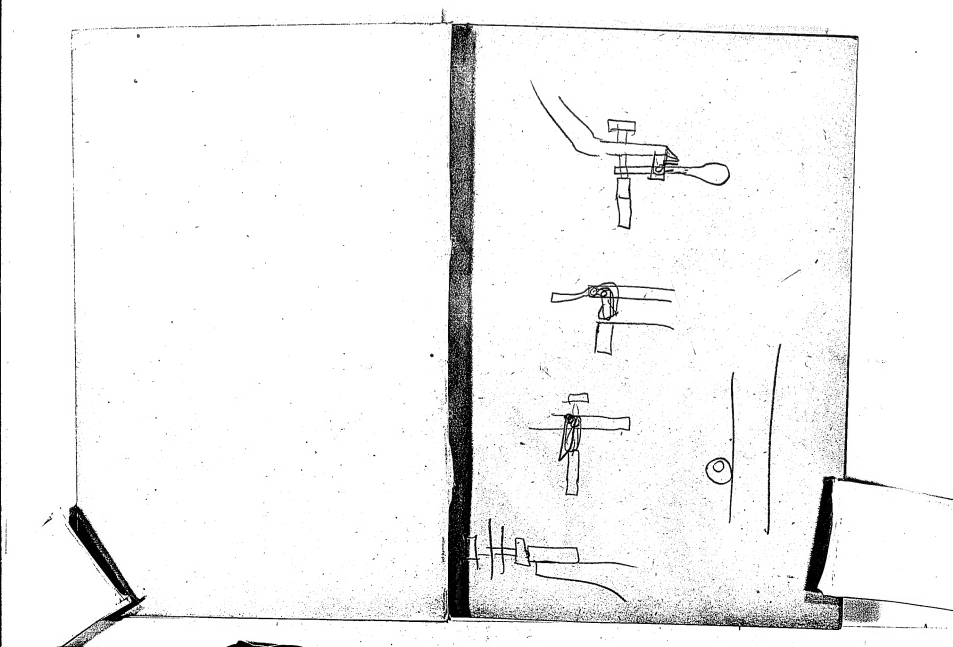
#11. — Unwashed gold-beaters skin soaked in Benzol.

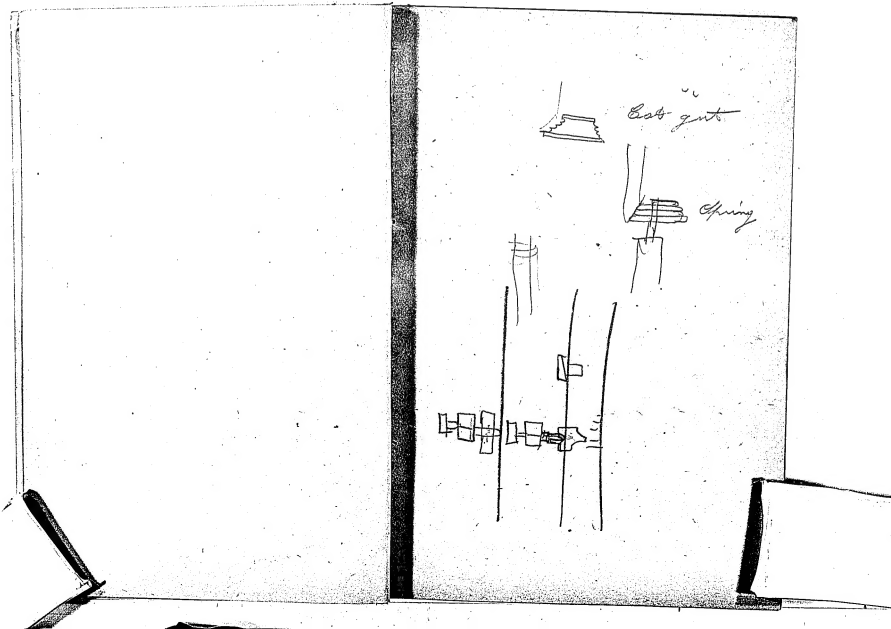
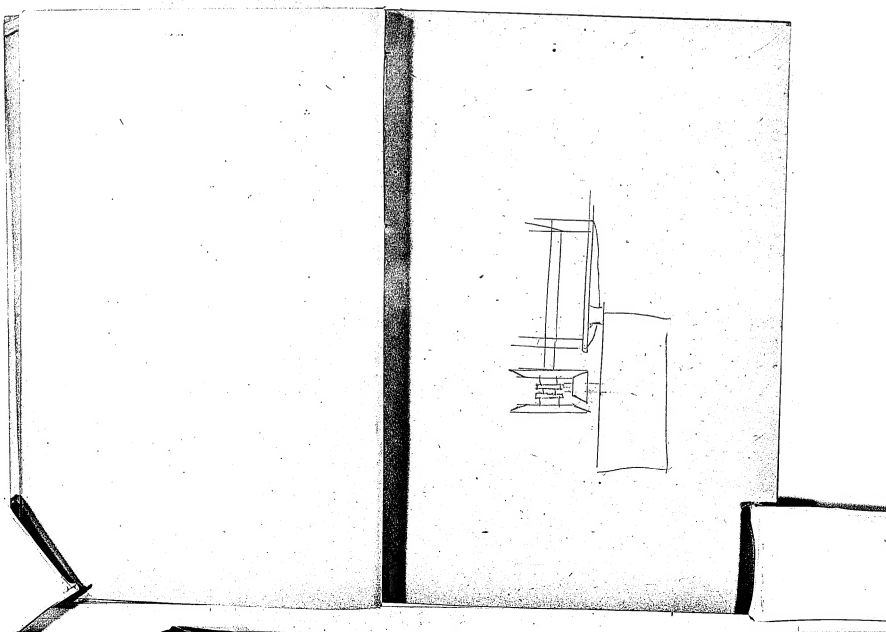
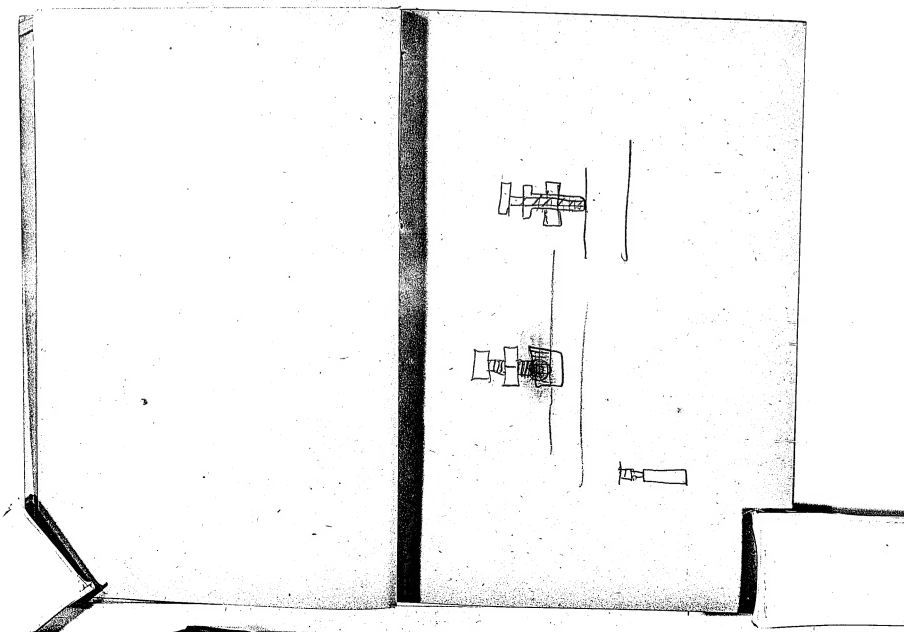
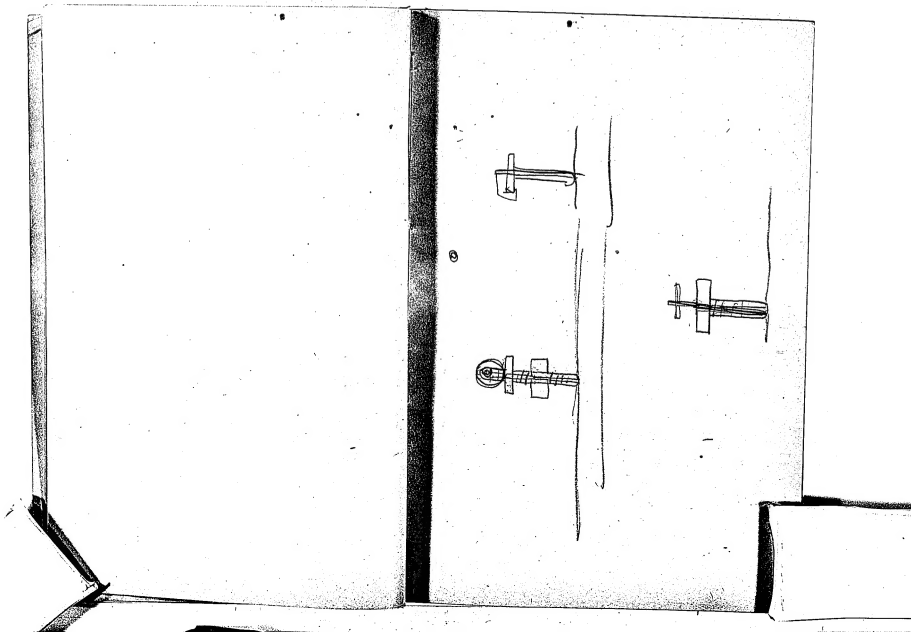
#12. — Bolting cloth soaked in Boiled Linseed oil + allowed to oxidize.

#13. — Bolting cloth soaked in dissolved Rubber + Gutta percha.

#14. — Gold Beaters skin dipped in melted paraffine + scraped off. —

[THIS BOOK WAS USED IN BOTH DIRECTIONS. THE FOLLOWING PAGES WERE FILMED FROM THE BACK END FORWARD.]

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